

REMARKS

Applicant respectfully requests reconsideration and allowance of the subject application. Claims 30-39 are pending. Claims 30, 34, 35 and 39 have been amended to conform with the claim previously submitted in the Response to Final Office Action of May 20, 2004. Therefore, it is respectfully submitted that this amendment should be entered, as it was previously addressed by the Office.

In the present Amendment, the method of Claim 30 has been amended to recite:

parsing the XML document into a stream of schema elements and data elements;

receiving the stream of schema elements using an API:

converting the stream of schema elements into data type definition (DTD) objects:

validating the stream of data elements using the DTD objects; and

if valid, passing the stream of data elements to an application using the API.

The architecture of Claim 34 has been amended to recite:

a parser to parse the XML document into a stream of elements including a stream of schema elements and a stream of data elements:

a converter to convert the stream of schema elements into data type definition (DTD) object using

1 an API and to validate the stream of data elements
2 using the DTD objects; and

3 a schema node factory to pass valid data
4 elements to an application using the API.

5 The system of Claim 39 has been amended to recite:

6 means for parsing the XML document into a stream of
7 schema elements and a stream of data elements;

8 means for converting the schema elements into data type
9 definition (DTD) objects using an API;

10 means for validating the data elements using the DTD
11 objects; and

12 if valid, means for passing valid data elements to an
13 application using the API.

14 It is respectfully submitted that the present amendments are fully supported
15 by the detailed description of the present application. It is further submitted that
16 none of the references cited in the outstanding Office Action teach or suggest the
17 parsing of an XML document into a stream of schema elements and data elements.
18 Neither do any of the references teach or suggest the stream of schema elements
19 being received by an API, the stream of scheme elements being converted into
20 DTD objects that are used to validate the stream of data elements, and the stream
21 of valid data elements being passed to an application using the same API used to
22 receive the stream of schema elements.

23 Thus, the Applicant respectfully traverses the outstanding rejections in view
24 of at least the present amendments to the claims, and further submits that the
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1 outstanding rejections under 35 U.S.C. §103(a) should be reconsidered and
2 withdrawn. In particular, it is requested that the rejection of the pending claims be
3 withdrawn, in view of the present amendments, as described above.

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5 **Conclusion**

6 Claims 30-39 are in condition for allowance. Applicant respectfully
7 requests reconsideration and prompt allowance of the subject application. If any
8 issue remains unresolved that would prevent allowance of this case, the Examiner
9 is requested to contact the undersigned attorney to resolve the issue.

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11 Respectfully Submitted,

12 Date: 11/27/07

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